1. **Select the valid statement.**

* char[] ch = new char(5);
* char[] ch = new char[5];
* char[] ch = new char();
* char[] ch = new char[];

2. **Find the output of the following program.**

**public class Solution{**

**public static void main(String[] args){**

**int[] x = {120, 200, 016};**

**for(int i = 0; i < x.length; i++){**

**System.out.print(x[i] + “ “);**

**}**

**}**

**}**

**options**

* 120 200 016
* 120 200 14
* 120 200 16
* None

3. **When an array is passed to a method, what does the method receive?**

* A copy of the array
* Length of the array
* Copy of first element
* The Reference of the array

4. **Find the value of A[1] after execution of the following program.**

int []A = {0,2,4,1,3};

for(int i=0;i<a.length;i++){

a[i] = a[(a[i] + 3) % a.length];

}

Option

* 0
* 1
* 2
* 3

**5.Arrays in java are-**

* Object reference
* Object
* Primitive data type
* None

**6. Which keyword is used to throw an exception explicitly in Java?**

a) throw

b) catch

c) try

d) finally

7**. What is the role of the *finally* block in a try-catch-finally statement?**

a) To catch and handle exceptions

b) To specify the code that is always executed, regardless of whether an exception occurs or not

c) To specify the code that is executed when an exception occurs

d) To specify the code that is executed after the try block but before any catch block

**8. What is exception propagation in Java?**

a) The process of creating and throwing custom exceptions

b) The process of handling multiple exceptions in a single try-catch block

c) The process of passing an exception from one method to its calling method

d) The process of catching and handling exceptions in nested try-catch blocks

**9.which exception will be following throw?**

public class Test {

public static void main(String[] args) {

Object obj = new Integer(3);

String str = (String) obj;

System.out.println(str);

}

}

A. ArrayIndexOutOfBoundsException  
B. ClassCastException  
C. IllegalArgumentException  
D. NumberFormatException  
E. None of the above.

**10.What is the output of the following Java program?**

public class Test {

public static void main(String[] args) {

int x = 0;

int y = 1;

int z = y / x;

}

}

A. Compiler Error

B. Compiles and runs fine  
C. Compiles fine but throws ArithmeticException exception  
D. None of above

11.Whta is the type of b and d in the below snippet?

int[]a,b;

int []c,d;

options:

1. “b” and “d” are int.
2. “b” and “d” are array of type int.
3. “b” is int array and “d” is int variable
4. “b” is int variable and “d” is int array.

12.When you pass an array to a method , the method receives\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

options:

1. A copy of array.
2. A copy of the first element.
3. The reference of the array.
4. The length of an array.

13.Analyze the following code and choose the correct answer.

int [] arr = new int[5];

arr = new int[6];

options:

1. The code has compile error